INCORPORATES
PBY-1 BUREAU CHANGE # 101
PBY-2 " " # 56
PBY-3 " " # 38
PBY-4 " " # 3

28L1064
REF. 1/16 TO 1/8 GAP
28B1081 (REF.)
℄ WING ATTACH. BOLT
PBY-142

PUNCH LOCK
TO ℄ OF BULKH'D.
-550 ASS'Y
-4,-2,-20 ASS'Y
AN346-6 NUT
AN520-6-9 SCREW
28L1041
AN520-3-8
AN345-3
SCREWS TO FIT TIGHT IN BRACKET PLATE
22P191-2 PUNCH LOCK
AN28-8A
AN365-1032
REAM .187
AN 520-10-6
28L1004 (REF.)
TO FRONT FACE OF BULKH'D.
28L089 -4,-2,-20 ASS'Y
28L150N -550 ASS'Y

-055 ASS'Y — WITH TORQUE TUBE HELD AGAINST ANY TWO BEARINGS THE CLEARANCE BETWEEN THE THIRD BEARING AND TUBE WILL BE MAX .012 MIN .001

28B1400-3 (REF.)
JOGGLE .064
28L089-6 (REF.)
AN520-6-8 (REF.)
AN345-6 (REF.)
AN936-A6 (REF.)
6 PLACES (REF.)
FOR -555 ASS'Y ONLY (.064 x 4½ x 4½ 24ST AL. ALLOY SHEET, SPEC. 47A10 CONDT.)
AN442-D5
DETAIL "B"

℄ OF SHIP

1¼ DIA. CUTOUT IN DECK PLATING
#30 (.128) DR. - 4 HOLES
AN 442-D4 RIVET
AC 940-D11 WASHER
28L1055 PLATE
28L107 TUBE ASS'Y. INSERT 1" INTO COUPLING ON GEAR BOX
28L083
28L082
AN 320-3
AN 380-2-2
DRILL THRU 3/16 DIA. TAPER REAM 1/4 TO FOOT. TO .250 AT LARGE END USE STOP ON REAMER
28L087 GEAR BOX
PLACE WASHER BETWEEN CASTING 28L087 & SUPPORT 28L089-5
AN 960-D10 WASHER
AN 310-3 NUT
AN 380-2-2
AN3-8 BOLT
28L089-5 FOR PBY-4 & PBY-5
28L082
AN 520-6-8
AN 345-6
22P191-2
AN 520-6-8
AN 345-6
12 PLACES
AN936-A6
AN3-21
AN310-3
AN380-2-2
DRILL THRU #10 (.196)
AN3-5
AN960-D10
AN320-3
AN380-2-2
DRILL #10 (.196) 2 HOLES
28L088 COUPLING (WIRE IN PLACE WHEN DISMOUNTING MOTOR)

"B"

ASS'Y. NOTE: (LOWER GEAR BOX & MOTOR TO STRUCT.) BEFORE DRILLING HOLES AT BULKHD. ATTACHMENT "D" ATTACH MOTOR TO GEAR BOX AT "A" & TIGHTEN CLAMP-BOLT. ATTACH REAR END OF MOTOR "C" TO STRUCTURE AS INDICATED & GEAR BOX TO CROSS BEAM 28L089 ADJUST GEAR-BOX (℄ OF VERT DRIVE) TO 4⅛ DIM. FROM ℄ OF BULKH'D. (CHECK ALIGNMENT OF TORQUE TUBE) DRILL HOLES & ATTACH GEAR-BOX AT "D" COMPLETING INSTALLATION.

BULKHEAD #4
LOOKING AFT.

AN3-8A
AC365-1032
AN960-D10
DRILL THRU #10 (.196)
AN3-5
AN960-D10
AN310-3
AN380-2-2
DECK LINE
VIEW A-A

4⅛ TO ℄ OF BULKH'D
REF. FROM FACE OF LUGS ON GEAR BOX TO FRONT FACE OF BULKH'D
28L1042
28L114E FOR -20 ASSY.
28L114 INSTRUCTION PLATE
AN442-D2-3
ATTACH PLATE ON REAR FACE OF BULKH'D. #4 - ON BAKELITE BEARING PLATE #28L084 (REF.)
HIGH S.
LOW S.
"D"
PAINT OUTER & INNER EXPOSED SURFACES BLACK. ADD ¼ WIDE WHITE STRIPE INSIDE & OUTSIDE AT RIGHT ANGLES TO ENDS OF SHAFTS TO SERVE AS A SAFETY INDICATOR TO MECHANIC THAT SHAFTS ARE OR ARE NOT ROTATING

FINISH NOTE.
TOUCH UP BARE SPOTS

H 454

